

Description of a New Mymarid Egg Parasite Collected at Los Mochis, Sinaloa, Mexico

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Anagrus yawi, n. sp.

Female with the thorax reddish except the mesothoracic scutum which is black. Head and abdomen blackish. Legs and basal three antennal segments yellowish; antennae beyond third segment fuscous. Wings hyaline; slightly dusky at base beneath the short marginal vein. Antennae somewhat longer than the body, scape expanded, fusiform, nearly twice as long as the pedicel, which is obovate; 1st funicle joint slender, a little longer than wide; funicle joints 2 to 6 subequal in length and about three times as long as wide, successively increasing very slightly in length as well as width; club stout, nearly three times as long as wide, nearly as long as funicle joints 5 and 6 combined and twice as wide. Forewing extending more than a third its length beyond the apex of the abdomen, more than six times as long as its greatest width, not including marginal fringe, which is as long as, or (on posterior margin near apex) longer than greatest width; discal cilia rather sparse and generally confined to three longitudinal lines of short hairs, two in the anterior half of the wing (one of these extended by five hairs almost to base of marginal vein; outwardly beyond widest part of wing spread out into additional but somewhat irregular lines) and one in the posterior half along the margin. Hind wings narrow with fringe on anterior margin less than half as long as that on posterior margin, and no discal ciliation except along the margins. Tarsal joints sub-equal. Abdomen about as long as the thorax, ovate to securiform, the hypopygium extending a little beyond the apex of last tergite.

Male agreeing with the female except in the secondary sexual characters about as follows: Antennae nearly twice as long as the body, very slender, 13-jointed, scape short and thick, approximately twice as long as wide, pedicel shorter and narrower, about three times as long as wide, funicle joints sub-equal and each about four times as long as wide. Abdomen hardly as long as thorax.

Length about 0.5 mm.

Described from numerous specimens prepared and mounted on slides in balsam and collected at Los Mochis, Sinaloa, Mexico, where they were found emerging from the eggs of the mirid bug *Pycnoderes quadrimaculatus* Guerin.

Named for Fred L. Yaw, of Los Mochis, Sinaloa, Mexico, whose kind assistance contributed to the discovery of this valuable parasite, and to its eventual introduction and establishment in Hawaii.

Types in the collection of the Hawaiian Entomological Society, Honolulu.